

SYSTEM AND METHOD FOR MEASURING DEEP SEA CURRENTS

ABSTRACT OF THE DISCLOSURE

5 A system and method for measuring water currents is disclosed in which an oceanographer can profile and display the water currents for an entire water column in real time. The profile is used in monitoring ocean currents that may pose a risk to the drilling riser or its contents. An ADCP is attached to a remotely operated vehicle (ROV) and transmits data to a computer system to be processed and displayed in real time. The method comprises receiving ADCP and ROV data, monitoring the heading of the current profiler, correcting and processing the data, and outputting a profile of the currents through a water column.

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